

## The Claims

1. (Previously presented) One or more computer-readable media having stored thereon a computer program that, when executed by one or more processors of a computing device, causes the one or more processors to perform acts including:

transmitting a request for an enrollment certificate for a virtual private network to a registration authority operating independently of a certificate authority, the enrollment certificate having an extension added to it by the registration authority on behalf of the computing device.

2. (Original) One or more computer-readable media as recited in claim 1, wherein the computer program further causes the one or more processors to transmit additional requests regarding maintaining enrollment in the virtual private network to the registration authority.

3. (Original) One or more computer-readable media as recited in claim 1, wherein the computing device comprises a router.

4-17. (Cancelled).